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| ( Not for submission under 37 CFR 1.99) |
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| Application Number 10772079          |   |
|--------------------------------------|---|
| Filing Date 2004-02-03               |   |
| First Named Inventor Oscar E. Agazzi |   |
| Art Unit 2611                        |   |
| Examiner Name Jean B. Corrielus      |   |
| Attorney Docket Number 13469US03     | 1 |

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|   | 1 | 4713829                   | B1 | 1987-12-15 | Eyuboglu   |        |  |  |
|   | 2 | 4870657                   | B1 | 1989-09-26 | Bergmans et al.  |        |  |  |
|   | 3 | 4905254                   | B1 | 1990-02-27 | Bergmans   |        |  |  |
|   | 4 | 5367536                   | B1 | 1994-11-22 | Tsujimoto  |        |  |  |
|   | 5 | 5638409                   | B1 | 1997-06-10 | Awata et al.   |        |  |  |
|   | 6 | 5734685                   | B1 | 1998-03-31 | Bedell et al.  |        |  |  |
|   | 7 | 5774085                   | B1 | 1998-06-30 | Yanagimoto et al.  |        |  |  |
|   | 8 | 5777914                   | B1 | 1998-07-07 | Larsson et al.   |        |  |  |

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B1 1998-08-11

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| Filing Date          |       | 2004-02-03   |
| First Named Inventor | Oscar | E. Agazzi    |
| Art Unit             |       | 2611         |
| Examiner Name        | Jean  | B. Corrielus |
| Attornou Docket Numb | or    | 1346011903   |

|                       | 10         | 6047022   | В1                        | 2000-04-04  |          | Reuven  |   |          |   |             |    |
|-----------------------|------------|---|---------------------------|---|----------|---|---|----------|---|-------------|----|
|                       | 11         | 5734680   | В1                        | 1998-03   | 3-31     | Moore et al.                                    |   |          |   |             |    |
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|                       | 1          | AZADET, N., et al., "Low  |                           |   |          |   |   |          | nunications   | Magazine,   | П  |

Oct. 1998, Vol. 36, No. 10, pp. 118-126, Piscataway, NJ, XP-000785919, ISN: 0163-6804

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| Examiner Name        | Jean  | B. Corrielus |
| Attorney Docket Numb | er    | 13469US03    |

| 2 | 2 | FERGUSON, M. J., "Optimal Reception for Binary Partial Response Channels", The Bell System Technical Journal,<br>American Telephone and Telegraph Company, Vol. 51, No. 2, Feb. 1972, pp. 493-505, New York, XP-002057024  | [ |
|---|---|--|---|
| 3 | 3 | IEEE Standard 802.3ab-1999 (Supplement to IEEE Standard 802.3, 1998 Edition), entitled "Supplement to Carrier<br>Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications —<br>Physical Layer Parenters and Specifications for 1000 Miles Operation Over 44-96 of Calegory S Bandard Copper<br>Cabling Type 10008se-T*, Auly 26, 1999, pp. 1-31, The Institute of Electrical and Electronics Engineers, Inc., New<br>York. |   |
| 4 | 4 | RAGHUNATH, K. J., et al., "Parallel Adaptive Decision Feedback Equalizers", IEEE Transactions on Signal Processing, May 1993, pp. 1956-1961, Vol. 41, No. 5, New York.   |   |
| 5 | 5 | *Gigabil Ethernet Over Copper*, Nov. 1997, The American Society for Biochemistry and Molecular Biology, Inc.,<br>XP00037463, retreved from the Internet: http://www.gigabil-ethernet.org/technology/whitepapers/gige_11.97/how.  |   |

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